

**Bibliography from ADS file: loukitcheva.bib**  
September 14, 2022

- Nagnibeda, V. G., Topchilo, N. A., Loukitcheva, M. A., & Rakhimov, I. A., "Features of Radio-Brightness Distribution over the Solar Disk at Millimeter Waves: Models and Observations", 2021Ge&Ae...61.1150N ADS
- Kaltman, T. I., Stupishin, A. G., Anfinogentov, S. A., et al., "Hot Jets in the Solar Corona: Creating a Catalogue of Events Based on Multi-Instrumental Observations", 2021Ge&Ae...61.1083K ADS
- Loukitcheva, M., "Measuring magnetic field with Atacama Large Millimeter/Submillimeter Array", 2020FrASS...7...45L ADS
- Loukitcheva, M. A., White, S. M., & Solanki, S. K., "ALMA Detection of Dark Chromospheric Holes in the Quiet Sun", 2019ApJ...877L..26L ADS
- White, S. M., Loukitcheva, M. A., & Solanki, S. K., "ALMA detection of dark chromospheric holes", 2019AAS...23421704W ADS
- Loukitcheva, M., "First solar observations with ALMA", 2019AdSpR...63.1396L ADS
- Fleishman, G., Mysh'yakov, I., Stupishin, A., Loukitcheva, M., & Anfinogentov, S., "Force-free Field Reconstructions Enhanced by Chromospheric Magnetic Field Data", 2019ApJ...870...101F ADS
- Fleishman, G. D., Loukitcheva, M. A., Kopnina, V. Y., Nita, G. M., & Gary, D. E., "The Coronal Volume of Energetic Particles in Solar Flares as Revealed by Microwave Imaging", 2018ApJ...867...81F ADS
- Bastian, T. S., Chintzoglou, G., De Pontieu, B., et al., "Erratum: textquotedblleft A First Comparison of Millimeter Continuum and Mg II Ultraviolet Line Emission from the Solar Chromosphere textquotedblright (<A href="http://doi.org/10.3847/2041-8213/aa844c">2017, ApJL, 845, L19</A>)", 2018ApJ...860L..16B ADS
- Bastian, T. S., Bárta, M., Brajša, R., et al., "Exploring the Sun with ALMA", 2018Msngr.171...25B ADS
- Nita, G. M., Viall, N. M., Klimchuk, J. A., et al., "Dressing the Coronal Magnetic Extrapolations of Active Regions with a Parameterized Thermal Structure", 2018ApJ...853...66N ADS
- Iwai, K., Loukitcheva, M., Shimojo, M., Solanki, S. K., & White, S. M., "ALMA Discovery of Solar Umbral Brightness Enhancement at  $\lambda = 3$  mm", 2017AGUFMSH43A2806I ADS
- Fleishman, G. D., Anfinogentov, S., Loukitcheva, M., Mysh'yakov, I., & Stupishin, A., "Casting the Coronal Magnetic Field Reconstructions with Magnetic Field Constraints above the Photosphere in 3D Using MHD Bifrost Model", 2017AGUFMSH13A2461F ADS
- Loukitcheva, M. A., Iwai, K., Solanki, S. K., White, S. M., & Shimojo, M., "Solar ALMA Observations: Constraining the Chromosphere above Sunspots", 2017ApJ...850...35L ADS
- White, S. M., Shimojo, M., Bastian, T. S., et al., "Solar Commissioning Observations of the Sun with ALMA", 2017SPD...4820402W ADS
- Bastian, T. S., Chintzoglou, G., De Pontieu, B., et al., "A First Comparison of Millimeter Continuum and Mg II Ultraviolet Line Emission from the Solar Chromosphere", 2017ApJ...845L..19B ADS
- White, S. M., Iwai, K., Phillips, N. M., et al., "Observing the Sun with the Atacama Large Millimeter/submillimeter Array (ALMA): Fast-Scan Single-Dish Mapping", 2017SoPh...292...88W ADS
- Shimojo, M., Bastian, T. S., Hales, A. S., et al., "Observing the Sun with the Atacama Large Millimeter/submillimeter Array (ALMA): High-Resolution Interferometric Imaging", 2017SoPh...292...87S ADS
- Iwai, K., Loukitcheva, M., Shimojo, M., Solanki, S. K., & White, S. M., "ALMA Discovery of Solar Umbral Brightness Enhancement at  $\lambda = 3$  mm", 2017ApJ...841L..20I ADS
- Loukitcheva, M., White, S. M., Solanki, S. K., Fleishman, G. D., & Carlsson, M., "Millimeter radiation from a 3D model of the solar atmosphere. II. Chromospheric magnetic field", 2017A&A...601A..43L ADS
- Fleishman, G. D., Anfinogentov, S., Loukitcheva, M., Mysh'yakov, I., & Stupishin, A., "Casting the Coronal Magnetic Field Reconstruction Tools in 3D Using the MHD Bifrost Model", 2017ApJ...839...30F ADS
- Wedemeyer, S., Bastian, T., Brajša, R., et al., "Solar Science with the Atacama Large Millimeter/Submillimeter Array-A New View of Our Sun", 2016SSRv...200...1W ADS
- Kobelski, A., Bastian, T. S., Bárta, M., et al., "Solar Observations with the Atacama Large Millimeter/submillimeter Array (ALMA)", 2016ASPC...504...327K ADS
- Wedemeyer, S., Fleck, B., Battaglia, M., et al., "ALMA Observations of the Sun in Cycle 4 and Beyond", 2016arXiv160100587W ADS
- Wedemeyer, S., Bastian, T., Brajša, R., et al., "SSALMON - The Solar Simulations for the Atacama Large Millimeter Observatory Network", 2015AdSpR...56.2679W ADS
- Fleishman, G., Loukitcheva, M., & Nita, G., "Solar ALMA: Observation-Based Simulations of the mm and sub-mm Emissions from Active Regions", 2015ASPC...499...351F ADS
- Loukitcheva, M., Solanki, S. K., White, S. M., & Carlsson, M., "Probing the Sun with ALMA: Observations and Simulations", 2015ASPC...499...349L ADS
- Wedemeyer, S., Brajša, R., Bastian, T. S., et al., "Solar ALMA observations - A revolutionizing new view at our host star", 2015IAUGA...2256732W ADS
- Nita, G. M., Fleishman, G., Kuznetsov, A. A., et al., "Synthetic 3D modeling of active regions and simulation of their multi-wavelength emission", 2015TESS...131204N ADS
- Loukitcheva, M., Solanki, S. K., Carlsson, M., & White, S. M., "Millimeter radiation from a 3D model of the solar atmosphere. I. Diagnosing chromospheric thermal structure", 2015A&A...575A..15L ADS
- Loukitcheva, M., "Diagnostic of chromospheric thermal structure based on millimeter/submillimeter radiation", 2014cosp...40E1886L ADS
- Loukitcheva, M., "Measuring chromospheric magnetic field with ALMA", 2014cosp...40E1885L ADS
- Loukitcheva, M., Solanki, S. K., & White, S. M., "The chromosphere above sunspots at millimeter wavelengths", 2014A&A...561A.133L ADS
- Nagnibeda, V. G. & Loukitcheva, M. A., "Diagnostics of solar chromosphere plasma based on observations of millimeter radiation", 2012CP...398...33N ADS
- Loukitcheva, M. A., Solanki, S. K., & White, S. M., "Chromosphere above sunspots as seen at millimeter wavelengths", 2011IAUS...273..408L ADS
- Loukitcheva, M., Solanki, S. K., & White, S. M., "Observations of the solar chromosphere at millimeter wavelengths", 2010MmSAI...81..592L ADS
- Loukitcheva, M. A., Solanki, S. K., & White, S. M., "On the relation between photospheric magnetic field and chromospheric emission in the quiet Sun", 2009IAUS...259..185L ADS
- Loukitcheva, M., Solanki, S. K., & White, S. M., "The relationship between chromospheric emissions and magnetic field strength", 2009A&A...497..273L ADS
- Loukitcheva, M., Solanki, S. K., & White, S., "The Solar Chromosphere at Millimeter Wavelengths", 2008ESPM...12.2.18L ADS
- Loukitcheva, M. A., Solanki, S. K., & White, S., "ALMA as the ideal probe of the solar chromosphere", 2008Ap&SS.313..197L ADS
- Loukitcheva, M., Solanki, S. K., & White, S., "The dynamics of the solar chromosphere: comparison of model predictions with millimeter-interferometer observations", 2006A&A...456..713L ADS
- White, S. M., Loukitcheva, M., & Solanki, S. K., "High-resolution millimeter-interferometer observations of the solar chromosphere", 2006A&A...456..697W ADS
- Loukitcheva, M., Solanki, S. K., & White, S., "Chromospheric Dynamics: Model Predictions and Comparison With Observations", 2006apri.meet...38L ADS
- Loukitcheva, M. A., Solanki, S. K., & White, S., "Acoustic shock waves in the solar chromosphere from millimeter observations", 2006IAUS...233..104L ADS
- White, S. M., Loukitcheva, M., & Solanki, S. K., "Millimeter-Interferometer Observations of Oscillations in the Solar Chromosphere", 2005AGUSMSH12A..03W ADS
- Loukitcheva, M., Solanki, S. K., Carlsson, M., & Stein, R. F., "Millimeter observations and chromospheric dynamics", 2004A&A...419..747L ADS
- Loukitcheva, M. A., Solanki, S. K., & White, S., "The solar chromosphere as seen in high-resolution millimeter observations", 2004IAUS...223..643L ADS
- Loukitcheva, M. A., Gelfreikh, G. B., & Nagnibeda, V. G., "On the relationship between chromospheric oscillations of radio brightness at 1.76 cm with periods from minutes to hours and magnetic field changes", 2004IAUS...223..281L ADS
- Loukitcheva, M. A., Mandrini, C. H., & Stenborg, G. A., "Some results of the chromospheric magnetic field study based on millimeter wave observations of active regions", 2002ESASP.505..481L ADS
- Loukitcheva, M. A. & Nagnibeda, V. G., "Radio Emission of Solar Chromosphere at Millimeter Wavelengths", 2000ESASP.463..363L ADS
- Loukitcheva, M. & Nagnibeda, V., "Chromosphere Active Region Plasma Diagnostics Based On Observations Of Millimeter Radiation", 1999ESASP.446..451L ADS
- Nagnibeda, V. & Loukitcheva, M., "Spectral features of millimetre emission of solar active regions.", 1998joso.proc...99N ADS